

Title (en)

MAINTENANCE FREE DRYER HAVING MULTIPLE SELF-CLEANING LINT FILTERS

Title (de)

WARTUNGSFREIER TROCKNER MIT MEHREREN SELBSTREINIGENDEN FLUSENFILTERN

Title (fr)

SÉCHOIR SANS MAINTENANCE COMPORTANT DE MULTIPLES FILTRES À PELUCHES AUTONETTOYANTS

Publication

EP 3282049 B1 20201118 (EN)

Application

EP 17184070 A 20170731

Priority

- US 201662372825 P 20160810
- US 201762449838 P 20170124
- US 201715658934 A 20170725
- US 201715658971 A 20170725

Abstract (en)

[origin: EP3282050A1] A laundry appliance (12) includes a rotating drum (18) and a door providing access to the rotating drum (18). A blower directs process air through an air path (20) that includes the drum. A heat exchanger (56) within the air path (20) dehumidifies the process air. A first lint filter (80) within the air path (20) is forward of the drum and below the door. A second lint filter (82) within the air path (20) is downstream of the first lint filter (80) and forward of the heat exchanger (56). The first and second lint filters (80, 82) capture lint (32) from the process air upstream of the heat exchanger (56). The first lint filter (80) is angled with respect to the second lint filter (82). A filter spray system (34) has a plurality of fluid sprayers (36) that deliver fluid (38) to the first and second lint filters (80, 82), respectively. Each fluid sprayer (36) directs captured lint (270) from the first and second lint filters (80, 82) to a common drain channel (28).

IPC 8 full level

D06F 58/22 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)

D06F 58/22 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (examination)

- WO 2015101387 A1 20150709 - ELECTROLUX APPLIANCES AB [SE]
- DE 102005041145 A1 20070301 - ALPHA INNOTECH GMBH [DE]
- US 2014075682 A1 20140320 - FILIPPETTI MARIO [IT], et al

Cited by

US11260329B2; WO2023203833A1

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